

INCH-POUND

MS39058D

4 May 2023

SUPERSEDING

MS39058C

21 July 2005

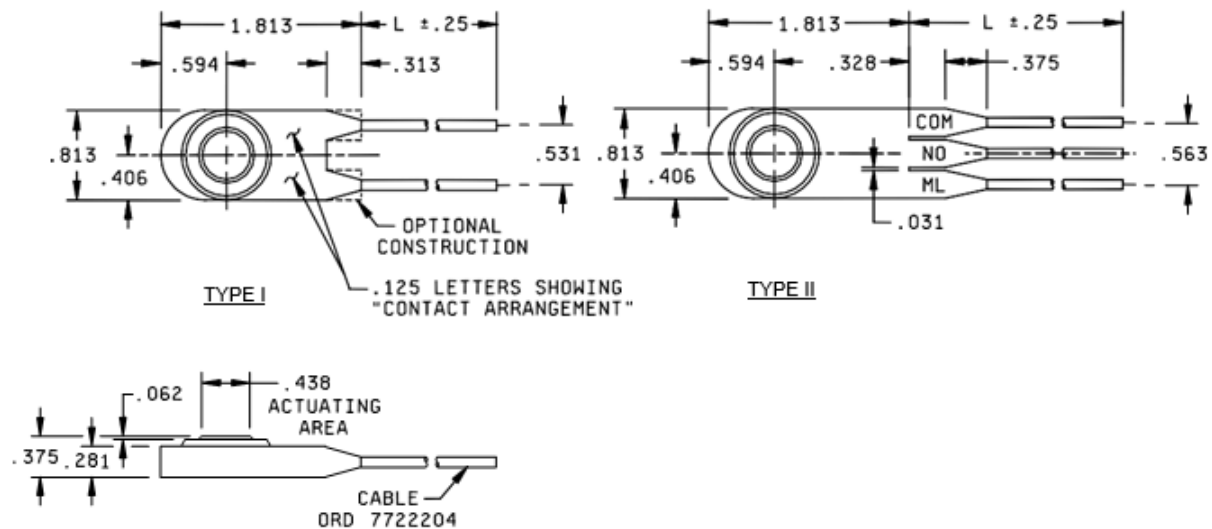
DETAIL SPECIFICATION SHEET

SWITCH, SENSITIVE-24 VOLTAGE DC (WATERPROOF)

INACTIVE FOR NEW DESIGN, DATED 8 MARCH 1999

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for acquiring the switches described herein shall consist of this specification and the latest issue of [MIL-DTL-13484](#).



NOTES:

1. All dimensions are in inches. Tolerance is ± 0.031 for decimals.
2. In the event of a conflict between the text of this military specification and the references cited herein, the text of this military specification shall take precedence.
3. Referenced Government documents are specified in the solicitation form a part of this military specification to the extent specified herein.

FIGURE 1. Dimensions and configuration.



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MS PIN	Former PIN	Switch type	Contact arrangement	"L" dimension
MS39058-1	ORD 7974220	I SP/ST	Normally open	31.00
MS39058-2	ORD 7974221	I SP/ST	Normally closed	12.19
MS39058-3	ORD 7974222	II SP/ST	Normally open/ Normally closed	12.19

REQUIREMENTS:

Switch type shall be as specified in the tabulation.

Switch casing material: Rubber SC 410 AC1 E3 F2 in accordance with [ASTM-D2000](#).

Actuation force: 1 to 2 pounds within 0.125 inch of center of actuation area.

Release force: 6 ounces minimum.

Release time: 0.25 second maximum.

Pretravel: 0.015 minimum.

Overtravel: 0.015 minimum.

Movement differential: 0.005 maximum.

Current rating: 7.5 amperes lamp load, 7.5 amperes inactive load (L/R ratio .026); 15 amperes resistive load.

The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

Referenced Documents:

[MIL-DTL-13484](#) [ASTM-D2000](#)

Custodians:
Army - AT

Preparing activity:
DLA - CC

(Project 5930-2023-027)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil/>.